

In re the Rule 53(b) Divisional
application of Serial No. 08/677,187
Toshimitsu KUMAGAI, et al.

Attorney Docket No. 960569C
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Page 63, line 8, delete "is" and insert --may be--.

Page 105, line 6, delete "23-1" and insert --E1-1--;

line 7, delete "23-1" and insert --E1-1--;

line 9, after "23-8" insert --(see Fig. 9)--;

line 10, delete "23-8" and insert --E8-4--.

IN THE CLAIMS:

Please **CANCEL** claims 1-44 and 53-55 without prejudice or disclaimer of the subject matter recited therein.

REMARKS

By this Preliminary Amendment, claims 1-44 and 53-55 have been cancelled without prejudice or disclaimer. Thus claims 45-52 and 56 remain pending in the present Divisional application. These claims were the non-elected claims that were withdrawn from consideration in the parent application. Consideration of claims 45-62 and 56 are respectfully requested and an early Notice of Allowance is respectfully requested. Notice of Allowance are earnestly solicited.

The Abstract, Title, and specification were also amended to conform with similar amendments made in the parent application.

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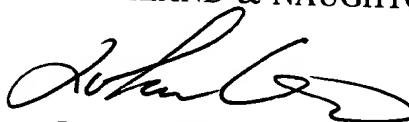
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No further fees are believed necessary for the filing of this Preliminary Amendment.
Nevertheless, please charge any necessary fees due to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN, HATTORI,
McLELAND & NAUGHTON



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ABSTRACT OF THE DISCLOSURE

An optical read is capable of reading a bar code in a mounted state when an article carrying the bar code passes and of reading bar codes set in an array format on a menu sheet in a hand-held state. The optical reader comprises a light source, a scanner that is driven by a drive and scans light emanating from the light source, a plurality of reflection mirrors that reflect scanning light scanned by the scanner and create a scanning pattern composed of a plurality of scan trajectories, a read window through which scanning light reflected from the reflection mirrors is emitted, and a light receiver for receiving light reflected from a mark. The optical reader further comprises a mode changer (or control unit) for changing a plurality of operation modes among which one or ones of the plurality of scan trajectories to be validated for reading are different. The operation modes include a specific scanning ray mode in which reading the mark by tracing only a single scan trajectory constituting the scanning pattern is validated but reading the mark by tracing the multiple scan trajectories is invalidated. For reading any of bar codes set in an array format on a menu sheet, the single scan trajectory constituting the scanning pattern will be drawn on a bar code to be read. Since reading by tracing the multiple scan trajectories is invalid, only the bar code intended to be read is read.

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